

P.T. METEC SEMARANG

1. Outline

Address Tanjung Emas Export Processing
Zone Jl.Coaster No.8,Blok B12A-16

Number of employees 790 (Dec 2015)

Site area 36478m²

Establishment day Mar / 1996

ISO14001 certification date 20 Feb 2014



2. Products

Main products



Auto Matic Vender



Load cell

3. Environmental policy

"Make this into a beautiful earth for our grandchildren "

1. Comply with the rules and regulations-environment legislation
2. Prevention of environmental pollution
3. Save resources (water,electricity,part/goods, material and others.

4. Environmental performance data (Jan. 2015 to Dec. 2015)

Used amount of energy	Crude oil equivalent KL	1,179
Used amount of water	thousand m ³	28

CO₂ emission*	t -CO ₂	3,460
---------------------------------	--------------------	-------

*CO₂ emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		Drying furnaces		
	Unit	Control content	Control value	Maximum measured
SOx	Concentration control: mg/m ³	Concentration control	800	14
NOx	Total emission control: m ³ N/h, Concentration control: mg/m ³	Concentration control	1000	168
Particulate	Concentration control: mg/m ³	Concentration control	350	91

Amount of discharge water	thousand m ³ /year	8	
Amount of pollutant in discharge water	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

Water pollutant measurement results				
		unit	Control value	Maximum measured
Public water areas	pH	-	6.0 ~ 9.0	7.6 ~ 8.5
	BOD	mg/L	50	35
	COD	mg/L	100	69
	Nitrogen	mg/L	-	-
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	0.5	0.02
	Lead	mg/L	0.1	0.03
	COD, total emission control	kg/day	-	-
	Nitrogen, total emission control	kg/day	-	-
	Phosphorus, total emission control	kg/day	-	-
Sewerage lines	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

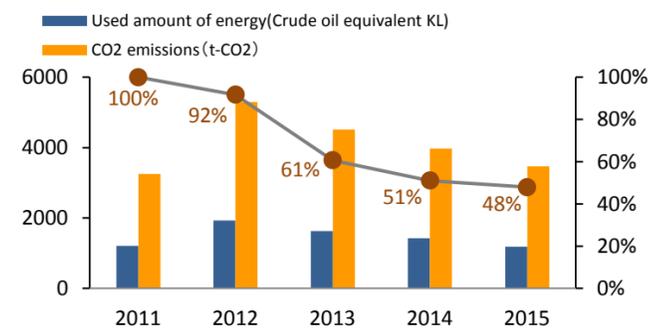
Waste discharge	t /year	351
Recycling ratio	%	92.9%

*Due to a change in the categories of regulations made in September 2013, the regulation values and measured values for the period prior to August and the period after September are reported. Between August and October, the measured value exceeded the regulation value, but this was reported to the government and we have been implementing an alternative plan. As of November, the measured value has been under the regulation value.

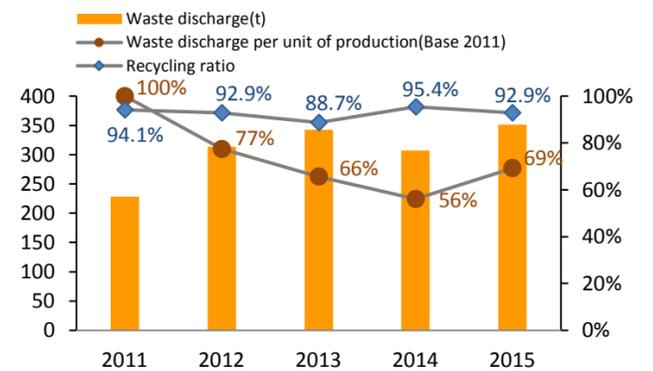
VOC emission	t /year	47
---------------------	---------	----

5. Environmental Communication

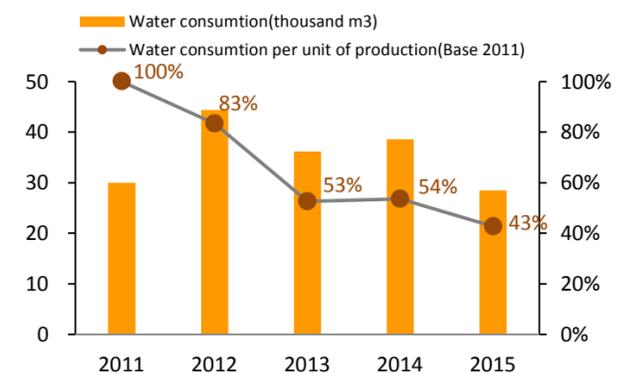
1. Emergency respon training on shutter (18 Nov 2015)
2. Emergency respon training on air pollutan (18 Dec 2015)
3. Emergency respon training on spill hazardous and toxic material (18 Dec 2015)
4. Plant trees (once a month)



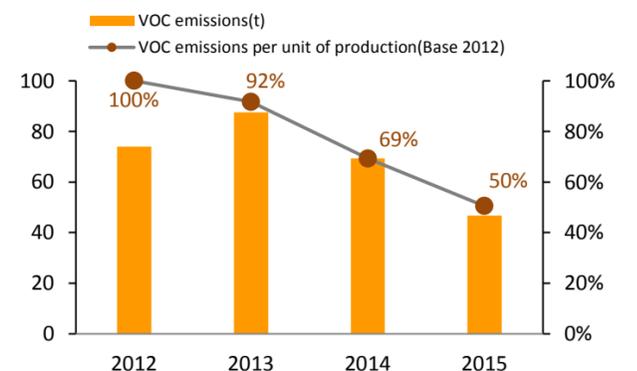
Graph.1 Energy & CO₂ emissions



Graph.2 Waste discharge & Recycling ratio



Graph.3 Water consumption



Graph.4 VOC emissions